

Abstract of the Disclosure:

A method for operating a switch, which is connected in series with a primary coil of a transformer in a free-running switch mode power supply, includes the provision of a modulation

5 signal and the provision of a drive signal for the switch.

The drive signal includes a recurrent pulse sequence which has at least one first switching-on pulse with a first pulse duration and at least one second switching-on pulse with a second pulse duration, and with the pulse duration of at least

10 one of the switching-on pulses being modulated by the modulation signal within a range of values which is predetermined by the control signal.

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